

Summary Table of Recommended Options: Implementation

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1	Offset Requirements	Electricity generation	Statutory	Yes	Yes: depends on whether #3 is implemented; pairs with #7		Will follow from decisions and action on #3. <i>On hold.</i>	ESW 1.12	N
2	Implement Tailpipe GHG Emissions Standards	Transportation: passenger	Minor technical rule	Yes	No	Dependent on regional market for vehicles of this sort, and multi-state action.	<i>Adopted by rule, 12/1/05</i>	TLU 1.1a	N
3	Regional Cap and Trade	Electricity generation	Regional. In Maine, major substantive rule	Yes	Yes. If adopted, lowers the gains expected in #1, #7		<i>Maine is actively participating in RGGI. Model rule to be finalized in early 2006.</i>	ESW 1.9b	Y
4	Clean Diesel/Black Carbon	Transportation: diesel truck	Statutory	Yes		Requires further study to identify range of additional actions	Regional distribution (2006) of low-sulphur diesel in advance of EPA 2007 heavy-truck standards will require vehicle technology changes likely to meet a significant portion of this goal. <i>No action at present.</i>	TLU 8.1	**
5	Renewable System Benefit Charge	Electricity generation and consumption	Statutory	No	Pairs with #11	No specific mechanism proposed by WG and SAG	Depends to some extent on actions related to Option 11. No specific proposed legislation 2005.	ESW 1.2	**
6	Set a Low GHG Fuel Standard	Transportation	Statutory	Yes		Could be implemented at either regional or federal level	<i>With 24, 52, may be part of a study in 2006. Identified as future priority by New England Governors' Conference.</i>	TLU 3.1	**
7	Emission Standards	Electricity generation	Existing rule	Yes	Yes: depends on whether #3 is implemented; pairs with #1	Standards could be met through purchase of offsets	Depends on actions for #3. <i>On hold.</i>	ESW 1.10	N

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8	Biomass Generation: Existing Units	Electricity; Forest	Statute: tax credit	Yes;	Paired with #18; influenced by forestry options	May be affected by other states' RPS needs. Related to #11.	Proposed mechanism not currently needed, as all existing biomass plants are in full production on market basis. <i>Option may need to be re-evaluated. Goal could be considered accomplished, at negative cost.</i>	ESW 1.5a	Y
9	Landfill Gas Management: Energy Production	Solid Waste	Voluntary: market driven.	No	Paired with #27	Two projects currently in development.	<i>One facility due to go online January, 2006; 2 more likely by 2007</i>	ESW 2.1a	Y
10	Increased Stocking With Faster Growing Trees	Forestry	Voluntary	No	Packaged with 14, 16, 20, 21, 25, 28	Options group has additional implementation standards specified	<i>Separate stakeholder group in progress to review and recommend implementation strategies.</i>	F 2.0 (A 8.0)	Y
11	Renewable Portfolio Standards	Electricity	Statutory	Yes	Paired with 5.		Two bills (LD 1434 and 1065) submitted to 122nd. As in 2004, died in committee. OEIS will report to 2nd session UTE committee with recommendations.	ESW 1.1	**
13	Pay as You Drive Insurance	Transportation	Voluntary	Yes	No		Initiate pilot project. <i>No action to date.</i>	TLU 2.4d	N
14	Forestland Protection	Forestry; Land Use	Multi-part	Yes	Other forest options; Option # 17.	Includes land-use planning elements. May be initiated by regional NGO's.	Initiate state agency and stakeholder planning. <i>No action to date; included in #17 stakeholder group work 2005-06.</i>	F 1.0 (A7.0)	Y
15	Recycling/ Source Reduction	Solid Waste	Expand existing programs	No		May involve market development for recovered product, improved public information / education.	LD 406, explicitly affirming goals in option, signed into law.	ESW 2.3	Y
16	Early Commercial Thin	Forestry	Voluntary	No	Other forest options		See above, Option 10. Subject of Environment Northeast/Maine Forest Service study, 05.	F 3 (A5.2a)	Y

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17	Slowing VMT Growth (TLU 2.2, TLU 2.3, unquantified measures in TLU 2.4)	Transportation; Land Use	Multi-part	Yes			<i>Multi-agency and stakeholder working group began work 6/05. Policy recommendations on promoting transit-oriented development expected 2006.</i>	TLU 2.0	Y
18	Biomass Restart Nonoperating Units	Electricity; Forest	see Option 8	Yes			<i>See #8.</i>	ESW 1.5a	Y
19	Improve Electrical Efficiency:Commercial / Institutional Buildings	Buildings & Facilities	Expand existing programs	No	See also options 22, 29, 37	Expands current "Efficiency Maine" programs	<i>No action to date. Will require additional stakeholder group to propose implementation of this and related options.</i>	BFM 3.8	Y
20	Timber Harvest to Capture Anticipated Mortality	Forestry	Voluntary	No	Other forest options		<i>See above, Option 10</i>	F 7 (A5.2b)	Y
21	Biomass Electricity Feedstocks	Forestry; Electricity	Voluntary	Yes	Other forest options	May have implications for out-of-state RPS	<i>See above, Option 10.</i>	F 5.0 (A 6.1)	Y
22	Electrical Efficiency Measures: Manufacturing	Manufacturing	Multi-part	No		Funding mechanism to be determined	<i>No action to date. See 19, above.</i>	BFM 4.1	Y
23	Fossil Fuel Efficiency Measures	Buildings & Facilities	Multi-part	No		Funding mechanism to be determined	<i>See 19.</i>	BFM 5.5	N
24	Low-GHG Fuel for State Fleets	Transportation	Executive order	Yes	Option 53 for possible infrastructure	Would probably require a regional approach to be effective	LD 197 would have implemented; died in committee.	TLU 3.2	N
25	Expanded Use Of Wood Products	Forestry	Voluntary	No	Other forest options		<i>See above, Option 10</i>	F 6 (A5.5)	Y
26	Appliance Standards	Residential, commercial buildings	Legislation	Yes			LD 1435 would have fully implemented: killed on floor.	BFM 1.1	Y
27	Landfill Gas Management: Flaring	Solid Waste; Electricity	Rule: revisions required			Revisions to Ch. 401 rules needed (minor technical)	<i>Essentially accomplished by market. See 9, above.</i>	ESW 2.1b	N
28	Active Softwood Increase	Forestry	Voluntary	No	Other forest options		<i>See above, Option 22</i>	F 4 (A5.2e)	Y

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29	Increase Public Expenditures for Electrical Efficiency	Buildings & Facilities		No	See 19, 22, 37, for which this would be the mechanism		See 19	BFM 5.2	Y
30	Improve Residential Building Energy Codes	Residential buildings	Major substantive rule	No			The law adopting the rule, P.L. 2005 ch. 88 was enacted 6/05 and became effective on the same date. An additional law, P.L. 2005 ch. 350, refined the procedures associated with codes, became effective 9/17/05.	BFM 2.1	Y
31	Voluntary Partnerships and Recognition Programs	Buildings & Facilities	Voluntary	No		Broaden participation in existing programs, including new industries	Referred to DEP Innovation and Assistance Group. Governor's Carbon Challenge is implementing this Option.	BFM 5.9	Y
32	Add ZEV Mandate to LEV II Standards	Transportation	Major substantive rule	Yes	Groundwork for Option 2	Will be reviewed for approval by legislature	LD 1465 signed by Governor .	TLU 1.1b	N
33	Locally Grown Produce	Agriculture	Voluntary	No		Outreach program	Work with DOA, stakeholders, to develop pilot project. <i>No action yet.</i>	A 6.0	Y
34	State Green Power Purchases	Electricity	Executive order	No			LD 913 submitted to 122nd would have increased to 100% by 2008. Killed.	ESW 1.3	Y
35	Efficient Use of Oil and Gas: Home Heating	Residential Buildings	Expand existing programs; new legislation	No	Implements Option 23	May require identification of specific subsidy or other support mechanism	Work with Energy Office to identify best opportunities and design a pilot program. LD 397 (natural gas conservation) enacted.	BFM 2.6	Y
36	Combined Heat and Power Incentive Policy	Electricity	Multi-part	No		May involve changes to utility regulations	Requires development of a separate implementation plan, probably involving PUC, etc. See #5. <i>No action to date.</i>	ESW 1.8	Y

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37	Enforce Commercial Building Energy Code	Buildings & Facilities	Legislation	No		PUC proposed the ASHRAE/IESNA 90.1-2001 standards in rule.	Outreach program will be needed to implement.	BFM 3.7	Y
38	Solar Hot Water Heater Program	Buildings & Facilities	Legislation	No		Would be implemented by tax credit or revolving loan	LD 1586 implements this and Option 55. Enacted.	BFM 5.7	Y
39	Soil Carbon Buildup	Agriculture	Expand existing programs	No	Should be considered with other Ag options		Intiate specific Agriculture options group with stakeholders. <i>No action as yet.</i>	A 2.0	Y
40	Green Campus Initiatives	Buildings & Facilities	Expand existing programs	No		Enhance outreach and education efforts	Commissioner's direction to DEP Innovation and Assistance Program. <i>In progress .</i>	BFM 3.6	Y
41	Encourage Anti-Idling Measures: Freight	Transportation: Freight	Multi-part	Yes		Some market-based efforts may be in the offing	Small implementation development group including DOT and stakeholders needed. <i>No action as yet.</i>	TLU 4.2d	Y
42	Voluntary Green Building Design Standards	Buildings & Facilities	Voluntary	No		Promotion / outreach / education activities	Establish working group to develop pilot project. See 19. <i>No action as yet.</i>	BFM 2.3	Y
43	Waste-to-Energy	Solid Waste; Electricity	Upgrade existing facilities	Yes		Some implications for reception of out-of-state waste, landfilling residues	Economics and local concerns make this less likely to advance. <i>Will probably need to be re-evaluated</i>	ESW 2.2	**
44	Agricultural Land Protection	Agriculture; Land Use	Multi-part	No	Parallel to Option 14	Requires some form of pro-active "smart growth" program	Working group to identify most promising implementation options. <i>See Option 39.</i>	A 5.0	Y
45	Energy Savings in State Buildings	Buildings: Public Sector	Executive order	No		Would expand existing program.	Work with BGS/DAFS to set more aggressive timelines and implement existing mechanisms. See 19. LD 711 submitted to 122nd: died in committee.	BFM 3.3	Y

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46	GHG Feebates (state or regional)	Transportation	Legislation	Yes		Low consensus among stakeholders	LD 275 rebate (partial implementation) carried over to 2nd session. Further implementataion needed.	TLU 1.3b	N
47	Procurement Preference for Concrete Containing Slag	Buildings and Facilities	Executive order	No	With Option 49	Would apply to state procurement; could be extended on a voluntary basis to non-public sector construction	Request that Governor issue the order. No action yet.	BFM 3.9	Y
48	Promote energy efficiency buildings	Buildings and Facilities	Voluntary	No		Primarily education effort	See 19.	BFM 3.2	Y
49	Specification C150 Portland Cement	Buildings and Facilities	Rule	Yes			Department of Transportation action. No action to date.	BFM 4.8	Y
50	Reduce HFC Leaks from Refrigeration	Buildings and Facilities	Rule (existing)	No		Primarily education effort toward voluntary compliance	Outreach program through DEP Bureau of Air Quality. No action as yet.	BFM 5.10	Y
51	Increase Organic Farming	Agriculture	To be determined	No	With other Agriculture options	Could be supported by existing programs	Needs stakeholder action to identify specific implementation. Maine Council of Churches has an effort underway.	A 3.0	Y
52	Maine Biodiesel	Agriculture	To be determined	No	With other Agriculture options		Needs stakeholder action to identify specific implementation. LD 1534 would have promoted this; KILLED.	A 1.0	Y
53	Low-GHG Fuel Infrastructure (CNG, LPG)	Transportation	Multi-part	Yes		Due to high costs, identification of possible funding sources needed	Continued DEP / DOT discussion. LD 308 to extend current tax exemption carried over to 2nd session.	TLU 3.3	Y
54	Nutrient Management	Agriculture	Voluntary	No	With other Agriculture options	Utilize existing programs to encourage BMPs.	Work with Dept of Ag to develop specific education program. No action to date.	A 4.0	Y
55	PV Buy Down Program	Buildings and Facilities	To be determined	No		Would need financial incentives	See Option 38: enacted.	BFM 5.6	Y